

April 22, 1949

Dr. Joseph E. Smadel  
Army Medical Department  
Research and Graduate School  
Dept. Virus and Rickettsial Diseases  
Washington 12, D. C.

Dear Dr. Smadel:

Dr. A. F. Rasmussen suggested that I write to you concerning viristatic acridine derivatives.

I have been interested in "disinfecting" lysogenic bacteria of the bacteriophage which is tenaciously associated with them. We have had only very sporadic and unreproducible results with ultra-violet radiation. It was thought that we might have more success with the help of compounds which would impede virus growth more than that of the host. For this purpose Dr. Rasmussen suggested the nitro-acridine derivatives which he had worked with on the influenza viruses, and referred me to you for possible supply.

If available for this purpose, I would greatly appreciate samples of 100 mg - 1 g. of Nitroakridin 3582, 2-nitro-5-aminoacridine, and any other compounds that you think might be worth testing. Any additional suggestions would also be appreciated.

Sincerely yours,

Joshua Lederberg,  
Assistant Professor of Genetics

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